

ABSTRACT

A hydraulic continuously variable transmission includes an axial plunger pump including a pump cylinder provided with pump plunger holes, and pump plungers fitted in the pump plunger holes. The transmission also includes an axial plunger motor including a motor cylinder provided with motor plunger holes, and motor plungers fitted in the motor plunger holes.

- 5 A distribution valve of a closed hydraulic circuit is provided for connecting the axial plunger pump and the axial plunger motor to each other. Pump openings are provided at end portions of the pump plunger holes for discharging a hydraulic fluid pushed out by sliding movements of the pump plungers in the pump plunger holes. The pump openings are located opposite to end faces of the pump plungers, and the pump openings are smaller than the pump plunger holes and
- 10 offset to the side of the rotational axis of the pump cylinder.